

INTERNATIONAL SEARCH REPORT

GB2004/001089

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A44B19/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A44B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 123 829 A (TAKABATAKE HIDEO) 7 November 1978 (1978-11-07) column 2, line 18 - column 4, line 15; figures 1-3	1-35
A	EP 1 300 094 A (YKK FRANCE SARL ; YKK EUROP LTD (GB)) 9 April 2003 (2003-04-09) cited in the application paragraphs '0024! - '0229!; figures 1-5	1-35
A	EP 0 377 798 A (YOSHIDA KOGYO KK ; MIWA LOCK KK (JP)) 18 July 1990 (1990-07-18) column 3, line 3 - line 47; figures 1,2	1-35
A	US 4 395 891 A (REMINGTON RICHARD C) 2 August 1983 (1983-08-02) column 3, line 18 - line 45; figures 1,2	1-35

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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

12 November 2004

Date of mailing of the international search report

23/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2 701 903 A (WILLIAMS HARVEY L) 15 February 1955 (1955-02-15) column 1, line 79 - column 2, line 11; figures 1-4 -----	1-35

INTERNATIONAL SEARCH REPORT

Information on patent family members

GB2004/001089

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4123829	A	07-11-1978	JP 53036903 U	31-03-1978
			JP 56020971 Y2	18-05-1981
			AT 367621 B	26-07-1982
			AT 625777 A	15-12-1981
			AU 508554 B2	27-03-1980
			AU 2810777 A	01-03-1979
			BE 858286 A1	16-12-1977
			BR 7705910 A	20-06-1978
			CA 1078150 A1	27-05-1980
			CH 625110 A5	15-09-1981
			DE 2739716 A1	09-03-1978
			ES 230647 U	01-11-1977
			FR 2363296 A1	31-03-1978
			GB 1534806 A	06-12-1978
			HK 12780 A	21-03-1980
			IT 1116327 B	10-02-1986
			NL 7709534 A ,B,	06-03-1978
			SE 434331 B	23-07-1984
EP 1300094	A	09-04-2003	EP 1300093 A1	09-04-2003
			EP 1300094 A1	09-04-2003
EP 0377798	A	18-07-1990	JP 2023361 C	26-02-1996
			JP 2161904 A	21-06-1990
			JP 7053122 B	07-06-1995
			AU 606005 B2	24-01-1991
			AU 4387089 A	21-06-1990
			BR 8905653 A	30-04-1991
			CA 2001132 A1	14-06-1990
			DE 68912555 D1	03-03-1994
			DE 68912555 T2	18-08-1994
			EP 0377798 A1	18-07-1990
			ES 2049297 T3	16-04-1994
			HK 6295 A	20-01-1995
			KR 9108656 B1	19-10-1991
			US 4976120 A	11-12-1990
US 4395891	A	02-08-1983	AU 7398781 A	22-04-1982
			DE 3138677 A1	01-07-1982
			GB 2085071 A	21-04-1982
			JP 57089802 A	04-06-1982
US 2701903	A	15-02-1955	US 2621387 A	16-12-1952